

Figure 1

120

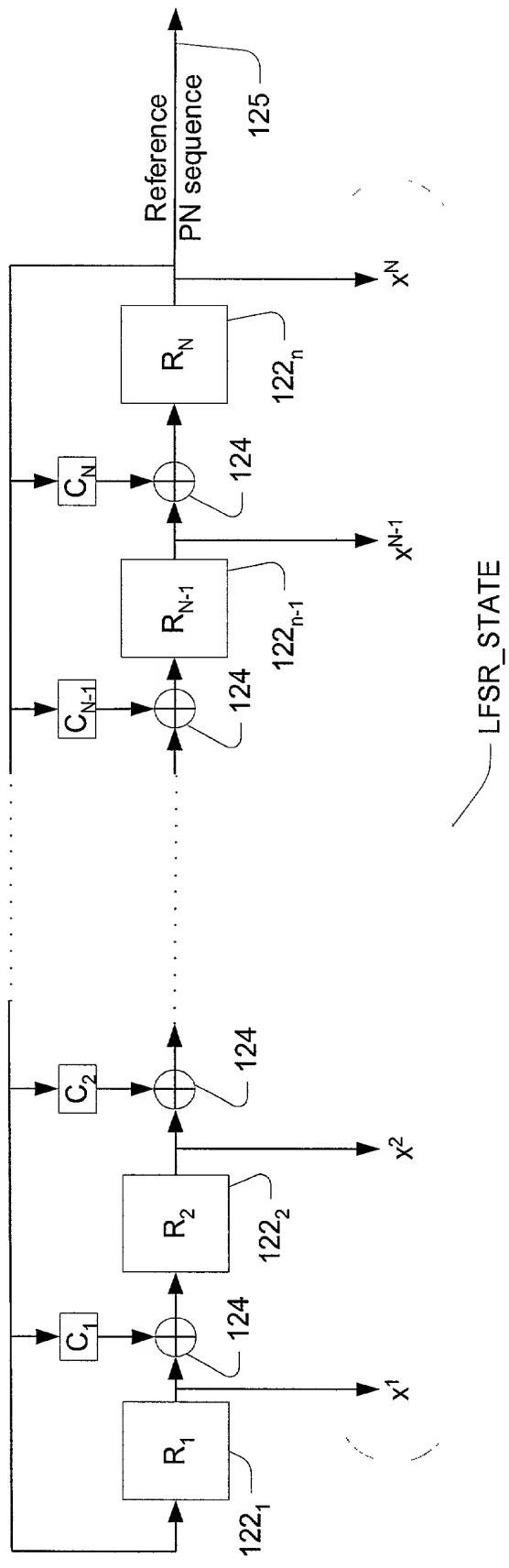


Figure 2

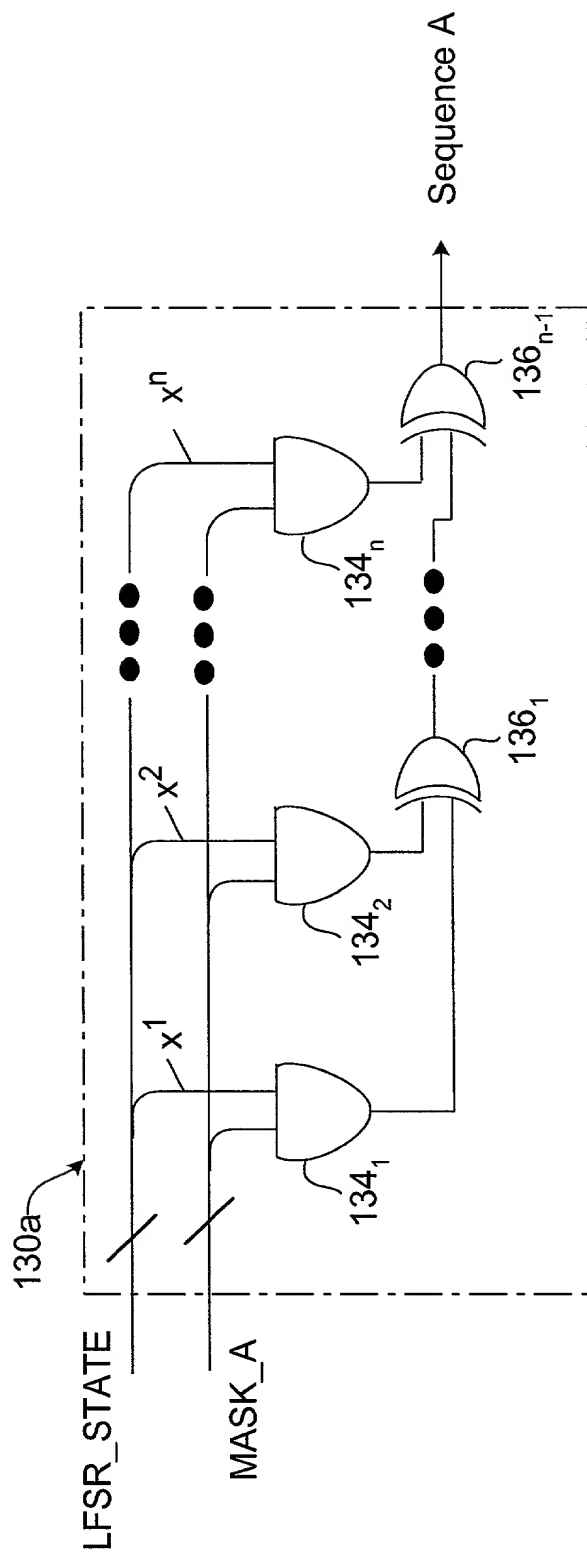


Figure 3

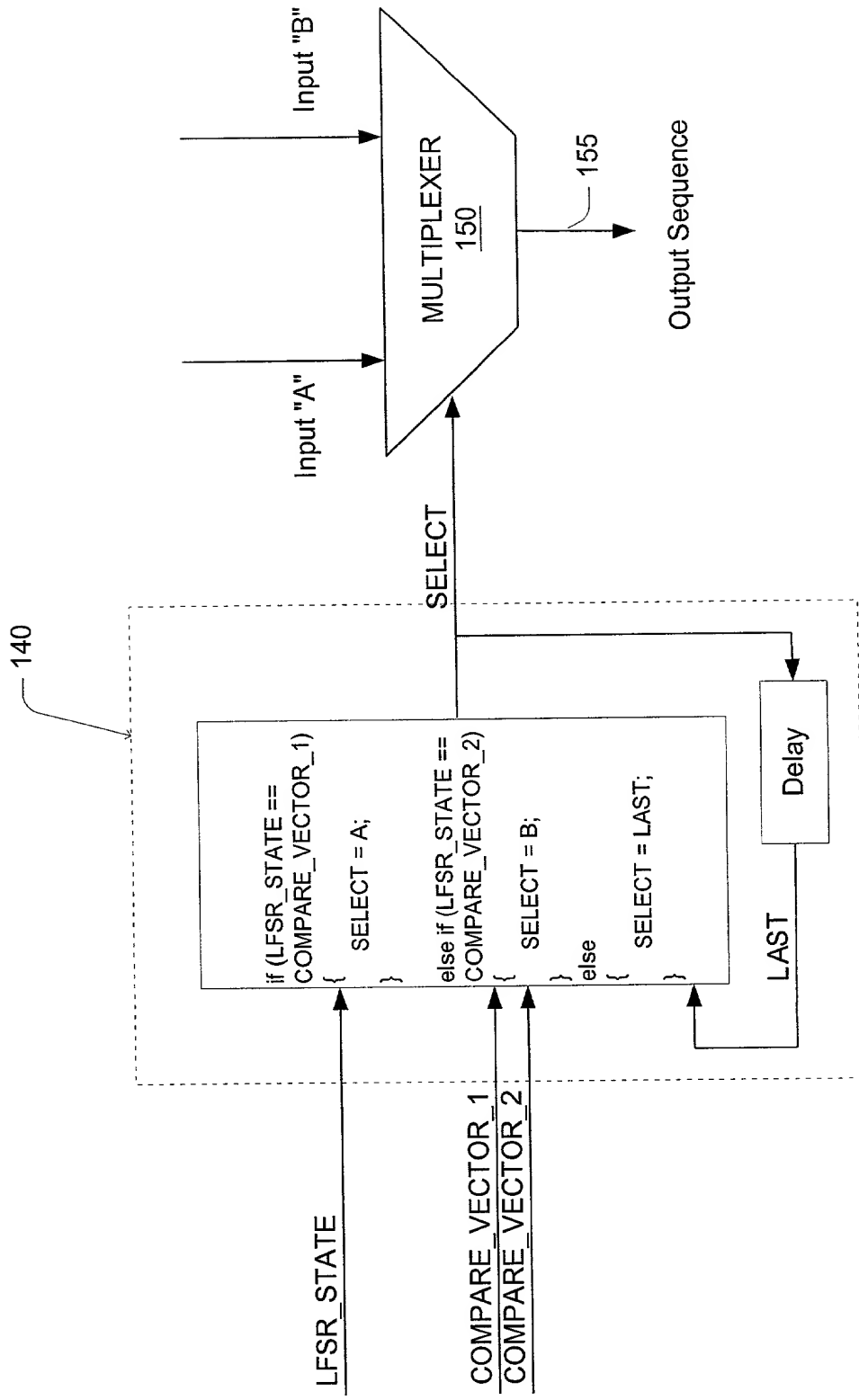


Figure 4

A	B	C	D	E	F
LFSR_STATE	PN Sequence (at output 125)	Sequence A (Mask A = 0101)	Sequence B (Mask B = 1010)	SELECT	Output Sequence (at output 155)
0001	1	1	0	A	1
1001	1	1	1	A	1
1101	1	0	1	A	0
1111	1	0	0	A	0
1110	0	1	0	A	1
0111	1	0	1	A	0
1010	0	0	0	A	0
0101	1	0	0	B	0
1011	1	1	0	B	0
1100	0	1	1	B	1
0110	0	1	1	B	1
0011	1	1	1	B	1
1000	0	0	1	B	1
0100	0	1	0	B	0
0010	0	0	1	B	1
0000 (forced-zero state)	0	0	0	B	0
0001	1	1	0	A	1
1001	1	1	1	A	1
1101	1	0	1	A	0
1111	1	0	0	A	0
...	...	....	....	....	....

Fig. 5

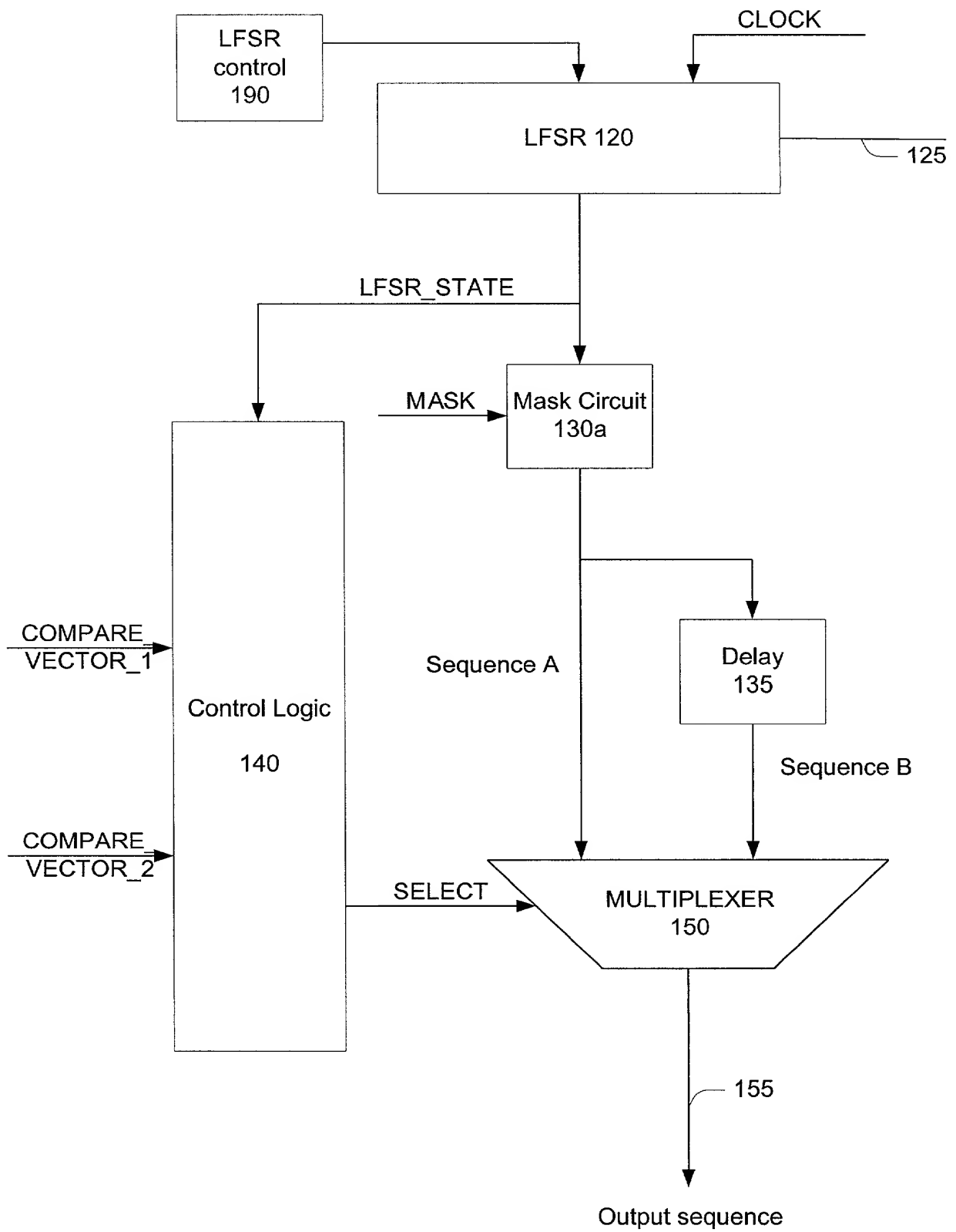


Figure 6